EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	34	(US-20050104991-$ or US-20010030276-$ or US-20040056365-$).did. or (US-6011860-$ or US-5087964-$ or US-6564018-$ or US-5952714-$ or US-5786589-$ or US-4594613-$ or US-6956615-$ or US-5861654-$ or US-6172361-$ or US-7019374-$ or US-4780572-$ or US-5867368-$ or US-6030856-$ or US-5617131-$ or US-6518656-$ or US-6288851-$ or US-6798031-$ or US-6462806-$ or US-5184398-$ or US-6283644-$ or US-4566930-$ or US-6504667-$ or US-5981945-$ or US-5703395-$ or US-5679978-$ or US-6379997-$).did. or (EP-773673-$ or WO-9910773-$).did. or (JP-11191865-$ or JP-04235475-$).did. or (US-20020047119-$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/18 12:58
L2	11	1 and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/18 12:58
L3	15	("4594613" | "5040069" | "5072283" | "5087964" | "5596229" | "5861654" | "5870638" | "5952714" | "6035147" | "6204896" | "6362921" | "6392703" | "6528778" | "6628339" | "6693674").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/18 13:01
L4	20	image near3 sensor same filter same lens same substrate same wiring	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/18 13:02
L5	408	image near3 sensor same filter same lens same substrate	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/18 13:03
L6	43	5 and @ay<"2000"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/18 13:36
L7	68	("5821532").URPN.	USPAT	OR	OFF	2007/03/18 13:28
L8	487	348/294.ccls.	USPAT	OR	OFF	2007/03/18 13:28
L9	426	348/335.ccls.	USPAT	OR	OFF	2007/03/18 13:28
L11	232	359/809.ccls.	USPAT	OR	OFF	2007/03/18 13:28
L12	1054	257/700.ccls.	USPAT	OR	OFF	2007/03/18 13:28
L13	537	257/730.ccls.	USPAT	OR	OFF	2007/03/18 13:28
L14	455	257/684.ccls.	USPAT	OR	OFF	2007/03/18 13:29

EAST Search History

L15	866	257/719.ccls.	USPAT	OR	OFF	2007/03/18 13:29
L16	188	257/708.ccls.	USPAT	OR	OFF	2007/03/18 13:29
L17	133	257/709.ccls.	USPAT	OR	OFF	2007/03/18 13:29
L18	133	257/709.ccls.	USPAT	OR	OFF	2007/03/18 13:29
L19	140	257/711.ccls.	USPAT	OR	OFF	2007/03/18 13:30
L20	15	ccd with washer	USPAT	OR	OFF	2007/03/18 13:31
L21	1428352	image near$ sensor with washer	USPAT	OR	OFF	2007/03/18 13:31
L22	1428111	image near$4 sensor with washer	USPAT	OR	OFF	2007/03/18 13:31
L23	1427491	image near$4 sensor with washer same lens	USPAT	OR	OFF	2007/03/18 13:32
L24	2	image with sensor with washer same lens	USPAT	OR	OFF	2007/03/18 13:32
L25	1	image near4 sensor with washer same lens	USPAT	OR	OFF	2007/03/18 13:32
L26	37	"348"/$4.ccls. and (washer or spacer) with (ccd or sensor or cmos or imager) with (lens or optic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/18 13:33
L27	50	"348"/$.ccls. and (washer or spacer) with (ccd or sensor or cmos or imager) with (lens or optic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/18 13:35
L28	144	camera and (washer or spacer) with (ccd or sensor or cmos or imager) with (lens or optic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/18 13:37
L29	23	28 and @ay<"2000"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/18 13:38
L30	2850	camera and (washer or spacer or separator or ring or step) with (ccd or sensor or cmos or imager) with (lens or optic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/18 13:37

L31	1205	camera and (washer or spacer or separator or ring) with (ccd or sensor or cmos or imager) with (lens or optic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/18 13:38
L32	779	camera and (ring) with (ccd or sensor or cmos or imager) with (lens or optic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/18 13:38
L33	227	32 and @ay<"2000"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/18 13:38
S1	350	348/294.ccls. and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 09:56
S2	32	("20020047119"|"20020051068"|"20020145676"|"20020190397"|"20020191103"|"20040238943"|"20040263671"|"5017988"|"5097304"|"5777335"|"5952714"|"6323891"|"6548815"|"6724503"|"6795120"|"6900843").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 10:03
S3	12	(yogesh with aggarwal).xa. and metal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 13:21
S4	15	("4594613" | "5040069" | "5072283" | "5087964" | "5596229" | "5861654" | "5870638" | "5952714" | "6035147" | "6204896" | "6362921" | "6392703" | "6528778" | "6628339" | "6693674").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 13:56
S5	7	"6476417"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 14:04
S6	2	"6476417".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 14:04

S7	7	("4896217" | "5400072" | "5576895" | "5627589" | "5673083" | "6031998" | "6122009").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 14:04
S8	4	("6476417").URPN.	USPAT	OR	OFF	2006/04/06 14:05
S9	5	("5523608" | "5821532" | "6316838" | "6380629" | "6476417").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 14:35
S10	2401	(sensor or ccd or (solid adj state)) near4 (enclosure or package) and substrate same (sensor or ccd or (solid adj state))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 14:38
S11	1062	S10 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 14:37
S12	753	S11 and (sensor or ccd or (solid adj state)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 14:38
S13	1062	S11 and ((sensor or ccd or (solid adj state)) near4 (enclosure or package))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 14:39
S14	101	S11 and ((sensor or ccd or (solid adj state)) near4 (enclosure or package)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 14:46
S15	34	(nelson with hernandez).xa.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 14:47
S16	2	("4987321" | "6018364").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 14:49
S17	2	"6476417".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 15:28
S18	7	("4896217" | "5400072" | "5576895" | "5627589" | "5673083" | "6031998" | "6122009").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 15:29
S19	669	348/294.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 09:58
S20	32	("20020047119"|"20020051068"|"20020145676"|"20020190397"|"20020191103"|"20040238943"|"20040263671"|"5017988"|"5097304"|"5777335"|"5952714"|"6323891"|"6548815"|"6724503"|"6795120"|"6900843").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 10:03

S21	18	("5952714").URPN.	USPAT	OR	OFF	2006/04/10 10:06
S22	1	("5952714").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 10:15
S23	246	257/708.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 10:44
S24	147	257/709.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 10:45
S25	172	257/711.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 13:04
S26	1029	substrate with back with sensor	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 13:05
S27	680	substrate near4 back with sensor	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 13:05
S28	16	("20020043706" | "20020089044" | "20020093078" | "5087964" | "5266828" | "5352852" | "5463229" | "5786589" | "5867368" | "6144507" | "6255769" | "6342406" | "6400075" | "6566745" | "6571466" | "6656768"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 13:11
S29	4	("5293511" | "5491362" | "5610431" | "6288851").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 13:16
S30	3233	tomita.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 13:16
S31	69	(yoshihiro with tomita).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 13:19
S32	4	"6288851"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 13:20
S33	5	"6288851"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 13:20
S34	1	("5523608").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 13:21

S35	1	11-154810	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 13:22
S36	2	"11154810"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 13:22
S37	0	11-249473	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 13:22
S38	0	11-249473	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 13:23
S39	3	"11249473"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 13:24
S40	408	359/809.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 13:24
S41	124	S40 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 15:42
S42	626	257/684.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 13:26
S43	10	("20020096753" | "5211762" | "5952714" | "6130448" | "6297540" | "6396116" | "6455774" | "6531341" | "6545332" | "6590269").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 13:29

EAST Search History

S44	42	("3972821" | "3973059" | "4459332" | "4485429" | "4603731" | "4685987" | "4849858" | "4869954" | "5014161" | "5077637" | "5150748" | "5178924" | "5213868" | "5328087" | "5402006" | "5455458" | "5528456" | "5542471" | "5545473" | "5585671" | "5674585" | "5691022" | "5695847" | "5725707" | "5726495" | "5852548" | "5858537" | "5873973" | "5898570" | "5904796" | "5912805" | "5968606" | "6030856" | "6054198" | "6080605" | "6084775" | "6090484" | "6096414" | "6197859" | "6204455" | "6311769" | "6436506"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 13:33
S45	20	("20010035576" | "20010050721" | "20020110949" | "5113290" | "5400072" | "5821532" | "5861654" | "5865935" | "5912774" | "5990552" | "5998878" | "6037641" | "6075237" | "6133569" | "6144031" | "6147389" | "6303978" | "6389687" | "6518656" | "6571466").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 13:39
S46	11	("20010012098" | "4560273" | "5153734" | "5609561" | "5673083" | "5699073" | "6025873" | "6072232" | "6084238" | "6203222" | "6326602"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 13:49
S47	914	257/719.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 13:49
S48	11	S46 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 13:49
S49	460	S47 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 13:53
S50	1042	substrate near3 (back or rear or under) near5 (sensor or photodetector or ccd or cmos)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 13:53
S51	579	S50 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 14:08

S52	34	(nelson with hernandez).xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 14:09
S53	1	09/691187	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 14:50
S54	2	"6114764".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 14:50
S55	135	(kazuhiro with hoshino).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 18:26
S56	1	4-235475	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 14:53
S57	9	"4235475"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 14:54
S58	0	04-235475	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 14:54
S59	1	4-235475	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 14:55
S60	0	04-235475	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 14:55
S61	4	"04235475"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 14:56

S62	4	"11191865"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 14:58
S63	9	"0773673"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 14:58
S64	12	"773673"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 14:59
S65	3	"19651260"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 15:13
S66	11	"6172361"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 15:15
S67	59	"6266197"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 15:15
S68	7	("4418284" | "4523102" | "5138145" | "5867368" | "6172361" | "6266197" | "6342406").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 15:18
S69	10	("4663652" | "4760440" | "5118370" | "5200631" | "5331512" | "5357056" | "5478007" | "5495450" | "5753857" | "5786589").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 15:21
S70	13	("4113981" | "4740700" | "4929965" | "5019201" | "5021888" | "5042919" | "5084961" | "5117300" | "5118370" | "5360943" | "5362976" | "5432358" | "5506401").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 15:34
S71	0	09/652150	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 15:35

S72	0	09/652150	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 15:35
S73	0	09/652,150	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 15:35
S74	18	"652150"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 15:35
S75	1333	substrate near3 metal with sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:39
S76	695	S75 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 16:41
S77	306	S76 and metal with layer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 16:37
S78	192	S76 and metal near2 layer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 16:37
S79	173	substrate with metal near2 layer with lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:45
S80	64	S79 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 16:46

S81	51	substrate with metal near2 plate with lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:45
S82	19	S81 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 16:52
S83	69497	sensor with lenswith metal near3 (layer or plate) near6 substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:48
S84	3	sensor with lens with metal near3 (layer or plate) near6 substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:48
S85	96582	sensor with lenswith metal near3 (layer or plate) with substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:49
S86	13	sensor with lens with metal near3 (layer or plate) with substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:50
S87	19	sensor with lens same metal near3 (layer or plate) with substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:51
S88	337	257/660.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 16:51
S89	236	S88 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 18:36
S90	110	S89 and metal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 17:03

S91	37	S89 and metal near3 (layer or plate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 17:03
S92	40	S89 and metal near3 (layer or plate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 17:05
S93	4	lens near3 (support or post) with metal near4 (layer or plate) same substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 18:00
S94	2	8-327448	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 18:01
S95	0	"8327448"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 18:01
S96	2	"08327448"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 18:02
S97	3	"9113352"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 18:02
S98	2	"09113352"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 18:02
S99	4	"10242519"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 18:02
S100	0	lens near3 (support or mount or post) with sensor and lens near3 (support or mount or post) with (metal near4 (layer or sheet or plate or seal$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 18:04

EAST Search History

S10 1	5	lens near3 (support or mount or post) with sensor and (support or mount or post) with (metal near4 (layer or sheet or plate or seal$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 18:05
S10 2	6537	(optics or lens) with (support or mount or post or holder) with (photo$1sens$4 or photo$1detect$4 or sens$4 or imager or ccd or cmos)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	·ON	2006/04/10 18:06
S10 3	151	S102 and metal near8 substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 18:31
S10 4	2	"6172361".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 18:20
S10 5	2	"6266197".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 18:20
S10 6	2	"4594613".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 18:20
S10 7	2	"5783815".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 18:33
S10 8	119	lens with (mount or support or holder) with substrate and substrate with metal near3 (layer or shield or support or plate or layer or sheet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 11:23
S10 9	58	S108 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 18:40
S11 0	2403	(lens or optic$3) with (mount or support or holder or post or structure) with substrate and substrate with metal near3 (layer or shield or support or plate or layer or sheet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 18:40

EAST Search History

S11 1	1120	S110 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 18:41
S11 2	1056	S111 not tsikos.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 09:52
S11 3	2	substrate near3 plate with sensor with (strong$4 or strenght or durable or break$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 09:54
S11 4	89274	substrate with metal near2 (plate or layer or sheet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 09:55
S11 5	14813	S114 and (sensor or photo$1detector or photo$1sensor or ccd or cmos or imager or camera)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 09:56
S11 6	2272	S114 same (sensor or photo$1detector or photo$1sensor or ccd or cmos or imager or camera)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 09:56
S11 7	1242	S114 with (sensor or photo$1detector or photo$1sensor or ccd or cmos or imager or camera)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 09:56
S11 8	609	S117 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 16:29
S11 9	30	lens with (mount or support or holder) with substrate with (spacer or washer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 11:25
S12 0	36	lens with (mount or support or holder) with (spacer or washer) with (sensor or photo$1detect$4 or photo$1sens$4 or imager or cd or cmos)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 11:31

EAST Search History

S12 1	11	S120 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 11:35
S12 2	711	lens near5 (support or mount or post or holder) with (spacer or washer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 13:14
S12 3	348	S122 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 14:06
S12 4	107	S123 and (sensor or imager or camera or ccd or cmos)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 11:36
S12 5	115	S123 and (sensor or imager or camera or ccd or cmos)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 13:10
S12 6	30	348/335.ccls. and spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 13:13
S12 7	39	(lens or optics) near5 (support or mount or post or holder) with (spacer or washer) same substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 13:23
S12 8	63	(lens or optics) with (support or mount or post or holder) with (spacer or washer) same substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 13:19
S12 9	33	S128 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 13:22

EAST Search History

S13 0	4458	(lens or optics) near5 (support or mount or post or holder) with (ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 13:23
S13 1	32	(lens or optics) near5 (support or mount or post or holder) with (ring) with substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 14:05
S13 2	906	(lens or optics) with (ring or spacer or washer) with substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 14:06
S13 3	417	S132 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 14:15
S13 4	7	("4055761" | "4403243" | "4993799" | "5087964" | "5167724" | "5274456" | "5617131").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 14:11
S13 5	16	("5981945").URPN.	USPAT	OR	OFF	2006/04/11 14:15
S13 6	490	257/730.ccls.	USPAT	OR	OFF	2006/04/11 14:22
S13 7	299	S136 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 16:05
S13 8	971	257/700.ccls.	USPAT	OR	OFF	2006/04/11 14:22
S13 9	620	S138 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 14:28
S14 0	7	S138 and (@ad<"19990903" or @rlad<"19990903") and lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 14:28

EAST Search History

S14 1	8	S138 and (@ad<"19990903" or @rlad<"19990903") and lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 14:31
S14 2	462848	substrate with metal plate with (strong$3 or reinforc$4 or streng$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 14:31
S14 3	12760	S142 and (@ad<"19990903" or @rlad<"19990903") and lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 14:31
S14 4	405	substrate with metal near3 plate with (strong$3 or reinforc$4 or streng$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 14:31
S14 5	12760	S143 and (@ad<"19990903" or @rlad<"19990903") and lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 14:31
S14 6	5	S144 and (@ad<"19990903" or @rlad<"19990903") and lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 14:32
S14 7	247	S144 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 14:45
S14 8	2	"5679978".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 14:51
S14 9	4	"5679978" and S147	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 16:05
S15 0	529	flip near2 chip with sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 16:05

S151	144	S150 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 19:01
S152	148	lens with spacer with (ccd or imager or sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 16:29
S153	66	S152 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 16:29
S154	7	("4055761" | "4403243" | "4993799" | "5087964" | "5167724" | "5274456" | "5617131").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 17:51
S155	32	("20020047119"|"20020051068"|"20020145676"|"20020190397"|"20020191103"|"20040238943"|"20040263671"|"5017988"|"5097304"|"5777335"|"5952714"|"6323891"|"6548815"|"6724503"|"6795120"|"6900843").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 18:24
S156	0	09/652150	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 18:24
S157	0	09/652,150	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 18:24
S158	0	"09 / 652,150"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 18:25
S159	0	"09650160"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 18:25
S160	2	"5777335".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 18:30

S16 1	17968	sensor with shield$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 18:30
S16 2	4984	sensor with shield$4 near5 (light or radiation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 18:30
S16 3	65	sensor with shield$4 near5 (light or radiation) with rear	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 18:30
S16 4	73	sensor with shield$4 near5 (light or radiation) with rear	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 18:39
S16 5	604	sensor and resin with si	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 19:01
S16 6	310	sensor and resin near5 shield	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 19:01
S16 7	185	S166 and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 19:02
S16 8	144	S167 not jones	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/11 19:07
S16 9	14	(ccd or imager or sensor) with shield with (light or radiation) with resin and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 19:10
S17 0	28	(ccd or imager or sensor) with shield with (light or radiation) and shield with resin and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 09:38

EAST Search History

S17 1	201	(ccd or imager or sensor) with (shield$4 OR BLOCK$4) with (light or radiation) and (shield$4 or block$4) with resin and (@ad<"19990903" or @rlad<"19990903")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 09:39
S17 2	111	(ccd or imager or sensor) with (shield$4 OR BLOCK$4) with (light or radiation) and (shield$4 or block$4) with resin and (@ad<"19990903" or @rlad<"19990903") and image	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 10:21
S17 3	2	"6724503".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 09:51
S17 4	1	"6724503".pn. and material	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 09:51
S17 5	1	"6724503".pn. and material and resin	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 09:52
S17 6	1	"6724503".pn. and material and resin and shield$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 09:52
S17 7	2	"5777335".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 10:40
S17 8	4	"11191865"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 10:40
S17 9	2016	(ccd or imager or sensor) with (display or lcd or viewfinder) with substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 13:28
S18 0	34	(nelson with hernandez).xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 13:09

C:\Documents and Settings\NHernandez\My Documents\EAST\Workspaces\09652150.wsp

EAST Search History

S18 1	1193	S179 and (@ay<"2002")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 13:25
S18 2	689	(ccd or imager or sensor) with (display or lcd or viewfinder) with substrate same image and @ay<"2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 13:29
S18 3	89	S182 and single near3 substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 13:32
S18 4	209	S182 and "same" near3 substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 13:32
S18 5	36	S182 and "same" near3 substrate with (camera or ccd or cmos or imager or sensor) with (lcd or display or viewfinder)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 14:00
S18 6	86	reset near4 (frequency or timing) with (power or battery) near5 level	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 15:25
S18 7	6	(read$4out) near4 (frequency or timing) with (power or battery) near5 level	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 15:25